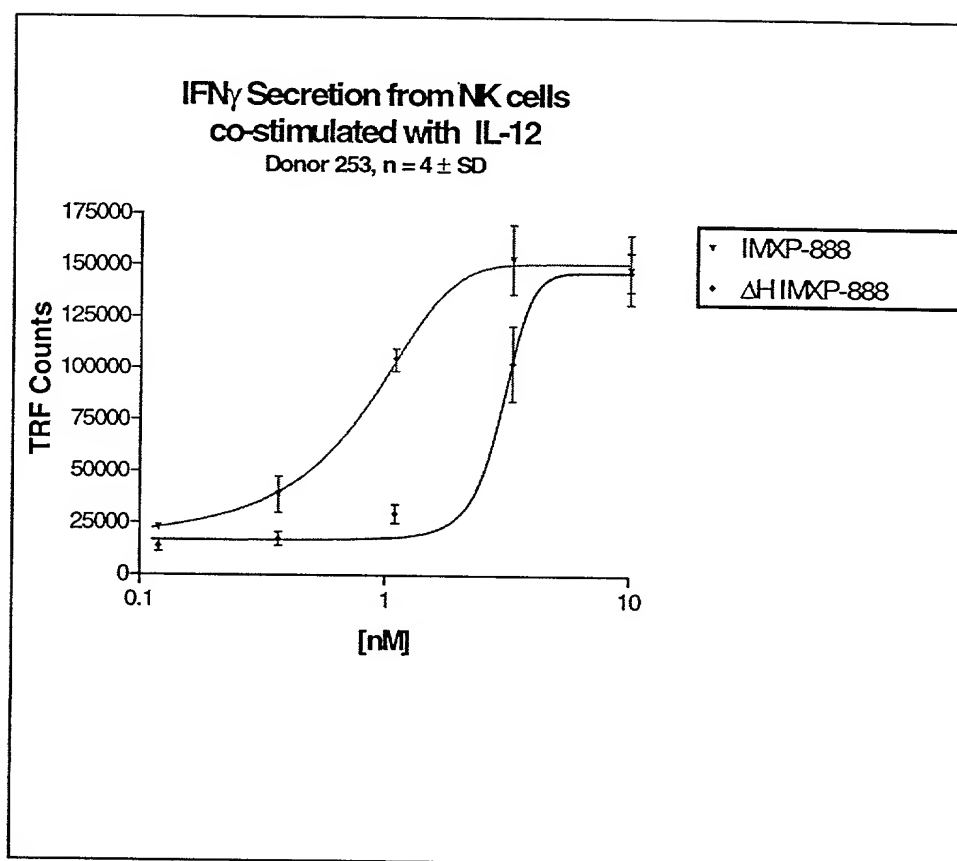


FIGURE 1



mumlsa3935c7.pep x mumlsa3935c2.pep (Murine splice variants)

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1 MTRSPALLLLLLGALPSAEAAARGPPRMADKVVPRQVARLGRTVRLQCPVE 50
  |||||
1 MTRSPALLLLLLGALPSAEAAAR..... 22
  .
  .

101 FGSLSVNYTLIIIMDDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 150
      |||||
23 .....DDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 59

151 MRRRVVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 200
      |||||
60 MRRRVVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 109

201 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTRSKPVLGTGTHPV 250
      |||||
110 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTRSKPVLGTGTHPV 159

251 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 300
      |||||
160 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 209

301 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 350
      |||||
210 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 259

351 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 400
      |||||
260 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 309

401 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 450
      |||||
310 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 359

451 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 500
      |||||
360 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 409

501 NLQALCPEVGIWGPRQQVGRIENNGGRVS 529
      |||||
410 NLQALCPEVGIWGPRQQVGRIENNGGRVS 438

```

FIGURE 2

Mouse: 1 MTRSPALLLLL-----LGALPSAEAAAGPPRMADKVVPRQVARLGRVRLQCPVEGDPPL 56  
 Human: 1 MTPSPLLLLLLLLPPLLLGAFPPAAAGPPKMDKVVPRQVARLGRVRLQCPVEGDPPL 60  
 Mouse: 57 TMWTKDGRTHSGWSRFRVLPQGLKVKEVEAEADAGVYVCKATNGFGLSVNYTLIIMDDI 116  
 Human: 61 TMWTKDGRTHSGWSRFRVLPQGLKVQVEREDAGVYVCKATNGFGLSVNYTLVVLDDI 120  
 Mouse: 117 SPKESPGPGSSGGQEDPASQQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 176  
 Human: 121 SPKESLGPDSGGQEDPASQQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180  
 Mouse: 177 DIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ 236  
 Human: 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240  
 Mouse: 237 RTRSKPVLGTGTHPVNTTVDFGGTTSFQCKVRSVDKVPVIQWLKRVEYSGEGRHNSTIDVG 296  
 Human: 241 RTRSKPVLGTGTHPVNTTVDFGGTTSFQCKVRSVDKVPVIQWLKRVEYGAEGRHNSTIDVG 300  
 Mouse: 297 QKFVVLPTGVDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLTVPDPK 356  
 Human: 301 QKFVVLPTGVDVWSRPDGSYLNKLLITRARQDDAGMYICLGANTMGYSFRSAFLTVPDPK 360  
 Mouse: 357 PPGPPMASSSSSTSLPWPVVGIPAGAVFILGTVLWLWCQTKKKPCAPASTLPVPGHRPP 416  
 Human: 361 PPGPPVASSSSATSLPWPVVGIPAGAVFILGTLLWLCCQAQKKPCTPAPAPPLPGHRPP 420  
 Mouse: 417 GTSRERSGDKDLPSLA-----VGICEEHGSAMAPQHILASGSTAGPKLYPKLYTDVHT 469  
 Human: 421 GTARDRS GDKDLPSLAALSAGPGVGLCEEHGSAPAPQHLLGPGPVAGPKLYPKLYTDIHT 480  
 Mouse: 470 HTHTHTCTHTLSCGGQGSSTPACPLSVLNTA NLQALCPEVGIWGPQQVGRIENNGRVS 529 (SEQ ID NO:1)  
 Human: 481 HTHTSHTHSHVEGKVHQHIHYQC 504 (SEQ ID NO:3)

FIGURE 3